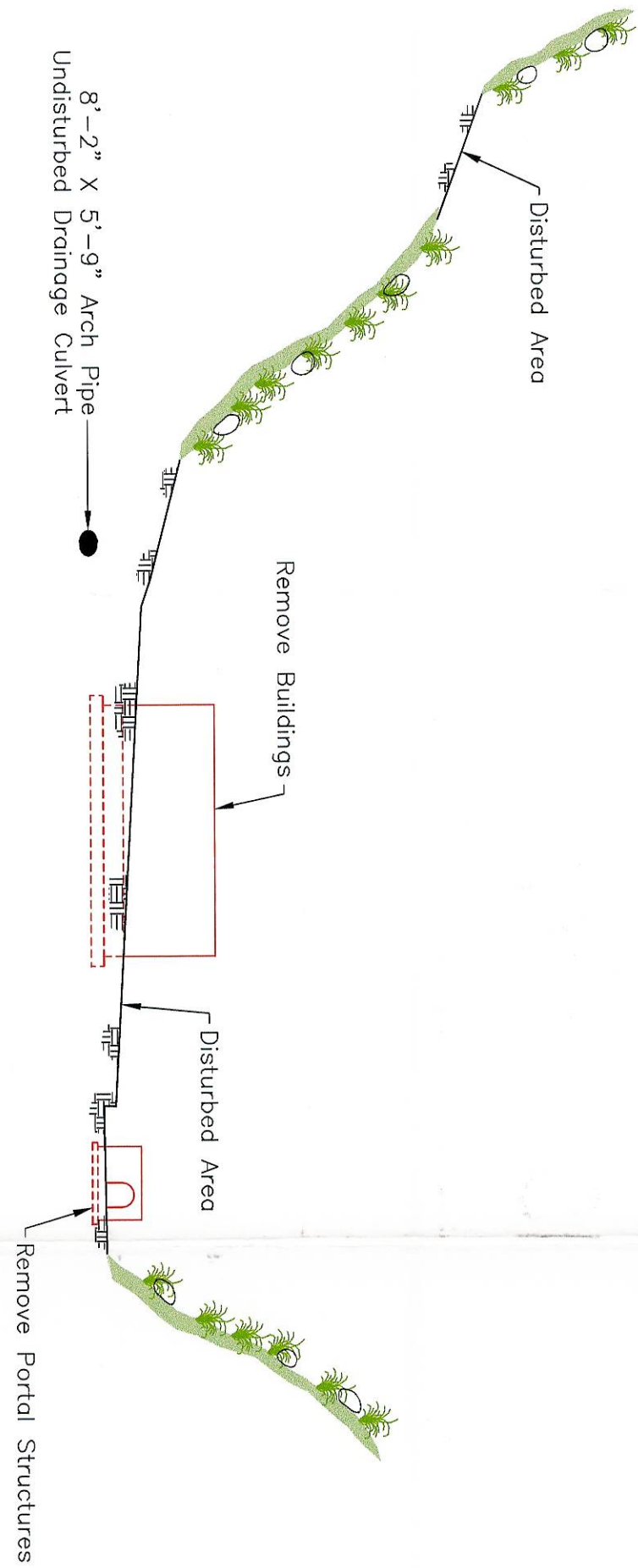


# DEER CREEK MINE - TYPICAL RECLAMATION SEQUENCE

## EXISTING CONDITION WITH STRUCTURES IN PLACE

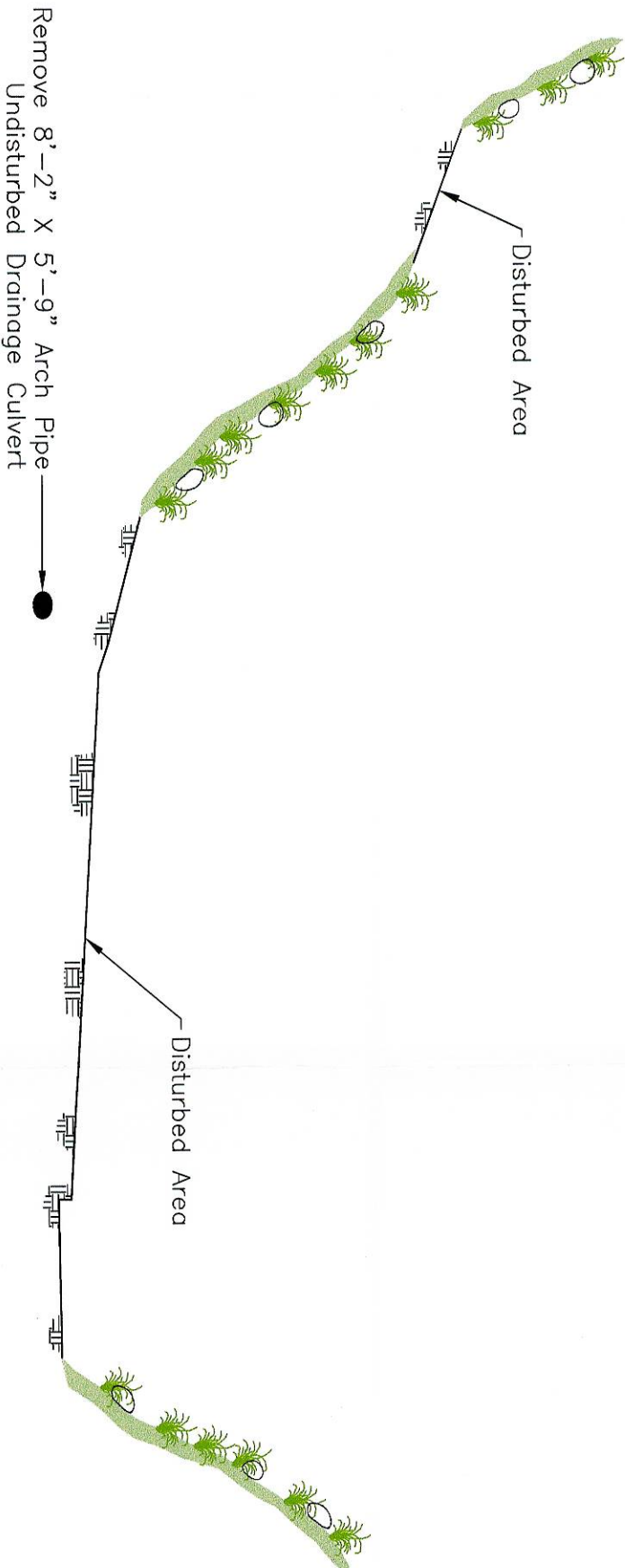
- a) Demolish buildings and dispose of metal refuse
- b) Dispose of concrete footers and foundations in the coal bin



## STEP 1

### CONDITION AFTER REMOVAL OF STRUCTURES

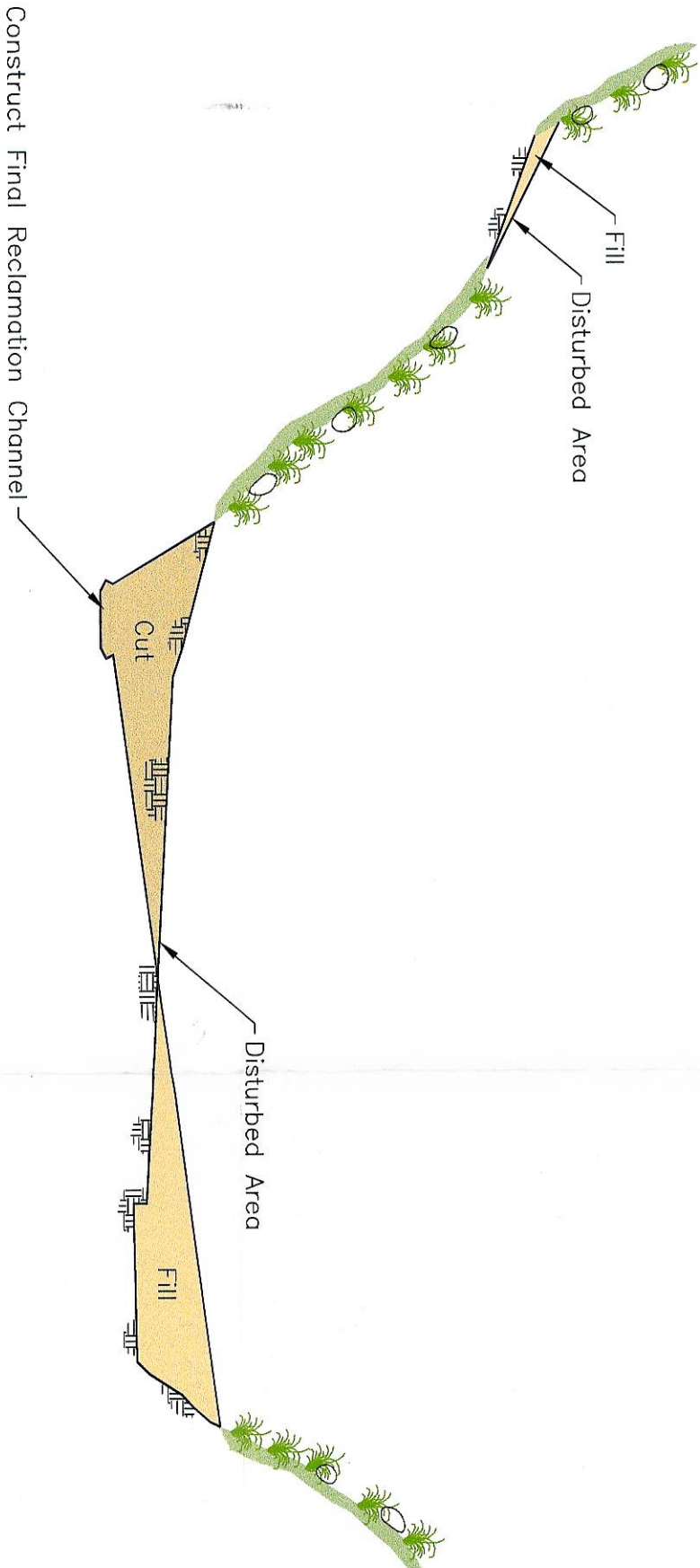
- a) Remove Undisturbed Drainage Culvert
- b) Remove all culverts and buried drainage structures



## STEP 3

### CONDITION DURING BACKFILLING AND GRADING OPERATIONS

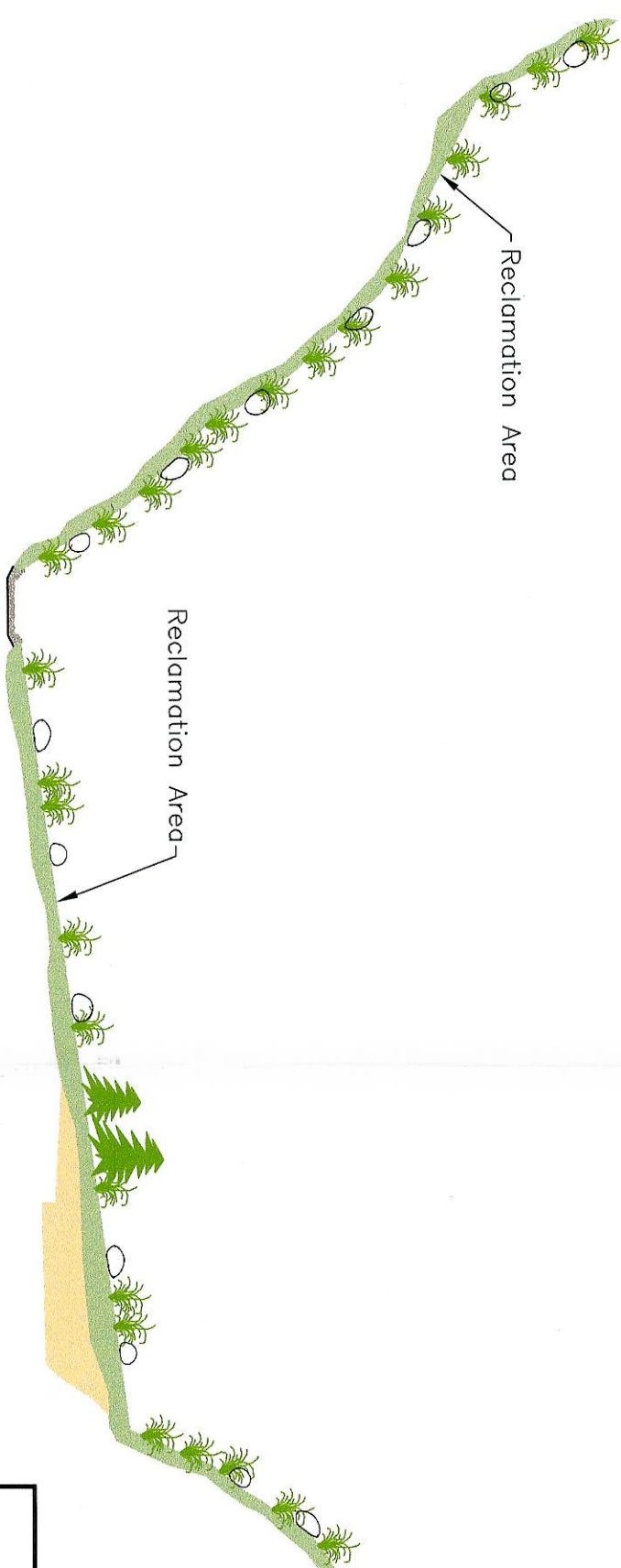
- a) Construct Final Reclamation Channel
- b) Construct Deep Gouging techniques on fill areas
- c) Roughen areas on final contoured slopes



## STEP 5

### CONDITION AT 10 YEAR RESPONSIBILITY PERIOD

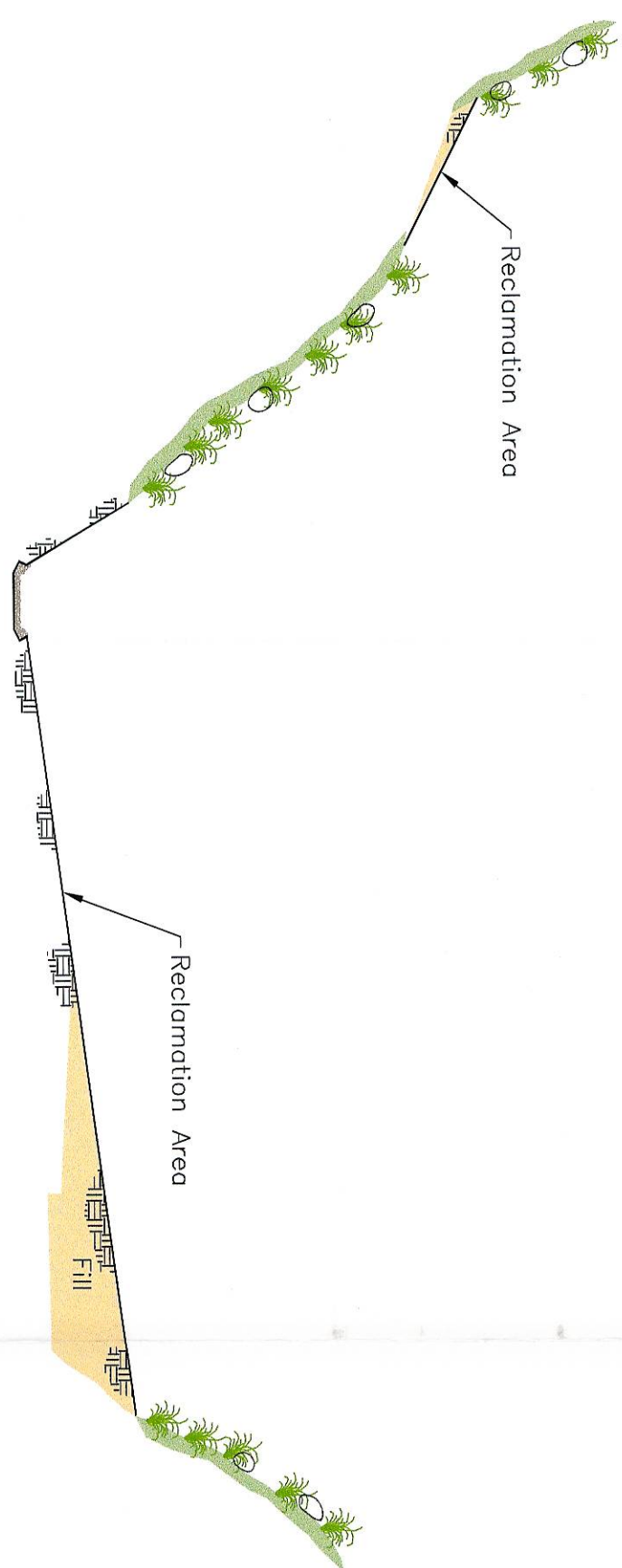
- a) Reclaimed areas meet Performance Standards



## STEP 4

### CONDITION AFTER CONSTRUCTION OF FINAL RECLAMATION CHANNEL

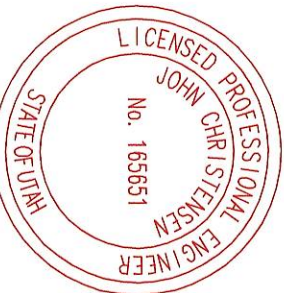
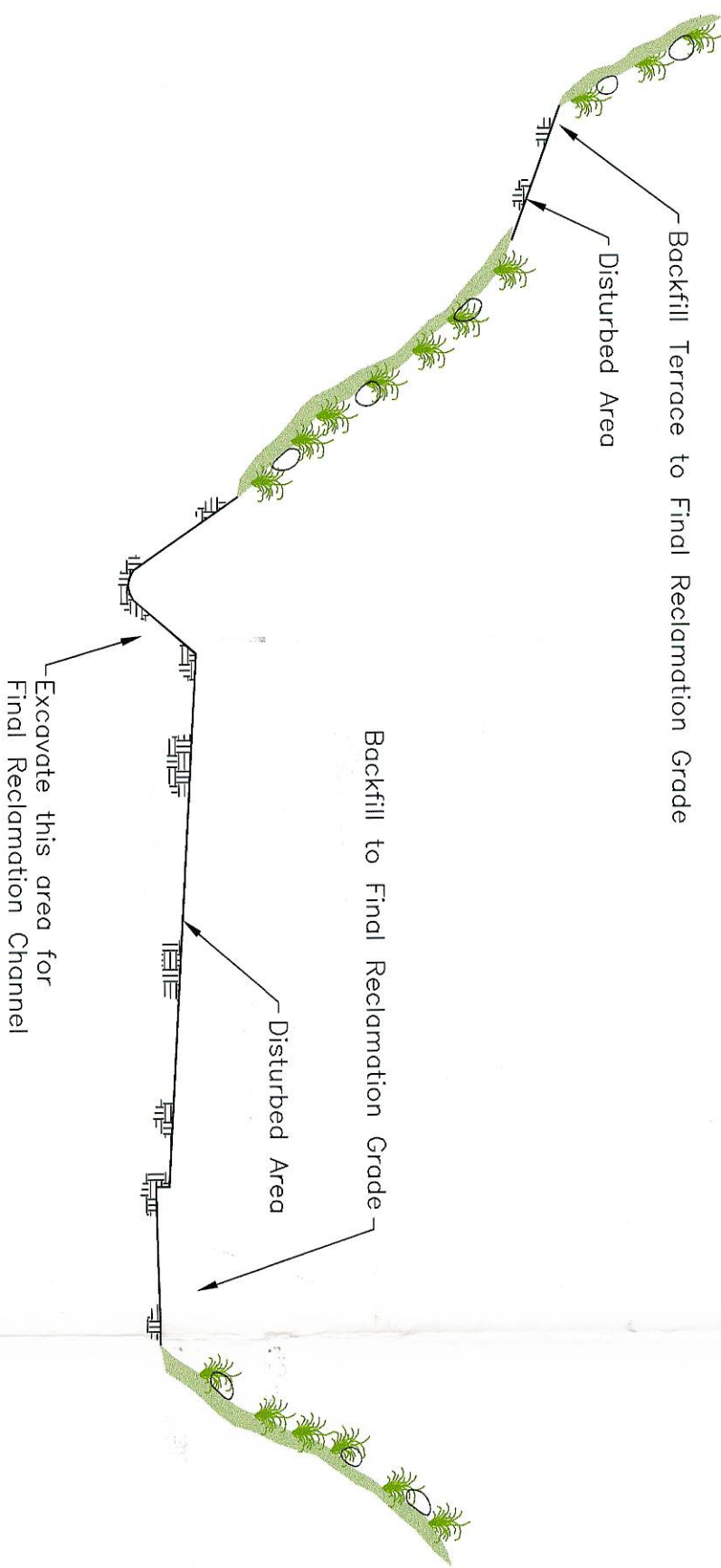
- a) Perform Soil Preparation
- b) Apply Seed Mix & Mulching



## STEP 2

### STEP 2 CONDITION AFTER REMOVAL OF CULVERTS

- a) Excavate Soil for Construction of Final Reclamation Channel
- b) Backfill Terraces, Highwalls and other areas for Final Reclamation



I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*John Christensen* 12/27/99  
DATE  
JOHN CHRISTENSEN NO. 16661

CADD FILE NAME/DWG# USER/KAL/DATE/NUMBER/031781D.MXD			
ENERGY WEST MINING COMPANY HARRINGTON, UTAH 84428			
DEER CREEK MINE SEQUENCE OF RECLAMATION		DS1781D	
DRAWN BY:	K. LARSEN	DRAWING #:	
SCALE:	NONE	SHEET:	1 OF 1
DATE:	MARCH 21, 1999	REV:	

INCORPORATED  
JAN 14 2003  
DIV OF OIL, GAS & MINING

RECEIVED  
FEB 13 2003  
DIV OF OIL, GAS & MINING